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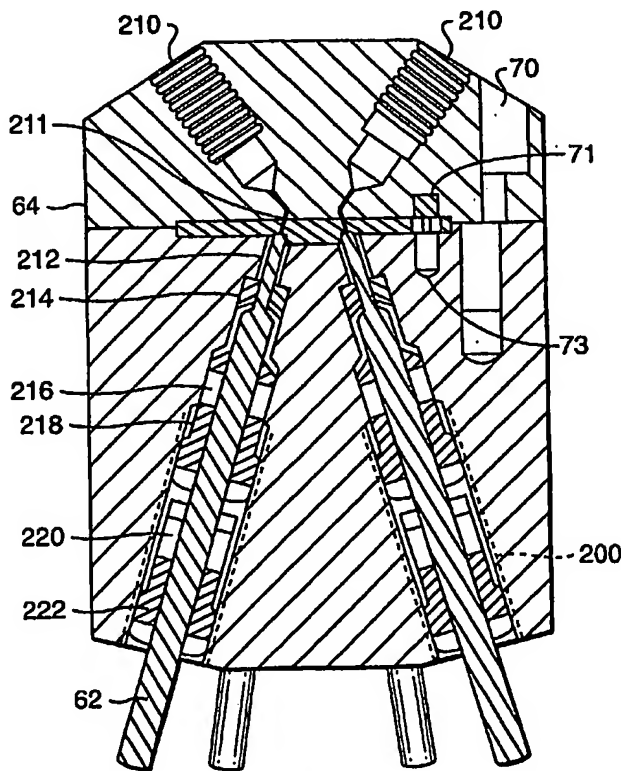
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(54) Title: PIN VALVE ASSEMBLY



(57) Abstract: A pin valve assembly and a method of controlling the flow of fluids comprising a pin block housing pin valves, a fluid plate with a fluid channel for fluidically communicating with the pin valves, and a fitting block housing fittings for fluidic communication with the fluid plate and for fluidic communication with fluidic components. The fluid flow through the channels of the fluid plate are controlled by the fluidic components and the pin valves.